

All specifications at 25 °C, SOC=50%, common to all voltage models, unless otherwise noted.

## ELECTRICAL

ITEM	CONDITIONS	MIN	NOM	MAX	UNITS
ENERGY			5.2		kWh
DISCHARGE POWER	SOC >10%, 48 V		16		kW
	SOC >10%, 24 V		8		
	10~90% SOC, -20°C			7	
CHARGE POWER	SOC <90%, continuous, 25°C			1.6	kW
	SOC <80%, 10 s, 25°C			5.2	
	10~90% SOC, 0°C			4.6	
MAX STACK VOLTAGE			800		Vdc

## CHARGER OPTION

ITEM	CONDITIONS	MIN	NOM	MAX	UNITS
AC CHARGING POWER	115 Vac		1.4		kW
	230 Vac		1.5		
AC CHARGING VOLTAGE		85		250	Vac
AC INLET		ICE 320, C15			
CHARGE TME	to 90% SOC		3.3		Hours
	to 100% SOC			4	
MAX STACK VOLTAGE	No controlled output option		1.5		kVdc

## ENVIRONMENTAL

ITEM	CONDITIONS	MIN	NOM	MAX	UNITS
TEMPERATURE	Charging	0	25	60	°C
	Discharging	-20	25	60	
	Stand-by	-40	25	60	
SEALING		IP52 (Human/tool protected, dust protected/ spray water up to 15° angle)			
AIR FLOW	Charger option		200		CFM

## REGULATORY

ITEM	CONDITIONS	
RADIATED		EN 55022, FCC part 15 class A
IMMUNITY		EN 55024
LINE HARMONIC	Charger option only	EN 61000-3-2
LINE FLICKER	Charger option only	EN 61000-3-3
SAFETY		BS EN 50272-2:2001